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- a. Authorization to initiate Additional Archeological Investigation
- 10. Other Additional Services
- a. Authorization to Initiate Other Additional Services
- 11. Final Design Documents
- a. Construction Drawings, Completed Project Manual, Estimate of Construction
 Cost, Geotechnical Report, Final Engineering Design Report, Completeness Checklist

Phase II Design Review Module manages the documentation associated with the following eleven (11) phases of this process. The flowchart on the following page illustrates the Final Design Review process.

- 1. Contract Project Director (CPD) Plan Review
- a. Document reference location information only DC submits final design plans to CPD and PM staff
 - 2. Owning Division/User Agency Review
 - a. No Documentation
 - 3. Constructability Review
 - a. No Documentation
 - 4. Front-End Documents
 - a. Form 00010 Project Information Form (C)
 - b. Document 00800 Supplementary Conditions guide (C)
- c. Division 00 Bid Documents refer to attached page of all bid documents that need to be submitted
 - d. Division 01- General Requirements

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- e. The purpose of this phase is to develop a package which will consist of Bid Documents, General Requirements, and basic correspondence for the Project Manger to review
 - 5. Bid-Ready Documents
- a. No documentation documents from previous step are reviewed once more and after review the front-end documents are placed into construction documents
 - 6. Code Enforcement Review for Building Permit (if required)
 - a. Commercial Building Permit Application
 - 7. Private Utility Signatures and Other Agency Approvals (if required)
 - a. No documentation
 - 8. Authorizing Signatures
- a. No documentation purpose is for all bid-ready documents for project to be approved by owner or agency
 - 9. Request for Advertisement
 - a. Advertisement for Bids
 - b. Request for Advertisement
 - 10. Production of Bid-Ready Documents
 - a. Plan Holder's List
 - 11. Advertisement for Bids
 - a. No documentation purpose is to advertise in the newspaper for bids

Referring now to Fig. 8, various modules associated with the construction system 106 are shown. First, the help module 108 is provided. Next, a new project launch 110 receives new projects being opened. The new project module is the first module that needs to have

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user input before any other module will function. This module will consist of the project information table. The new project will have an input field for project name and project number. The project number is critical since the database will key of this number to link other related data tables. Other input fields that will be needed for this module are funding number, funding source, drawing number, key map number, area, and council district. The primary data table that the new project table will be interfacing with is the contract information data table.

The new project module 110 communicates with a new contract module 112. The new contract module will define the contract information for the project. The module will consist of a contract information data table, contractor information data table, contractor affidavit data table. This module will receive project data from the new project information table. The new contract module will have an input field for the contractor number and contractor name, which will be the primary fields. The contract information will also consist of the unit bid contract, which will define the unit price for each item needed for the project along with its planned quantity. The other input fields will consist of contractor id, contract date, contract amount, contract days, ordinance number, gfs number, contractor name, and contract start date.

The new contracts module 112 in turn communicates with a bid price module 114.

The Unit Price Bid Contract Module imports the winning construction contractor bid tabulation information. This Bid Tab will be used in by inspectors to track the actual quantities delivered and computation of the contractors earned value will be performed.

The unit bid price module 114 communicates with a daily field report module 118.

This is an output module that will create the daily posting report. This module will be linked and take input from the three data tables described in the Field Journal Module. The major